LISTING OF THE CLAIMS

The following listing, if entered, replaces all prior versions of the claims in the present application.

1.   (Previously Presented) A method comprising:

discovering a plurality of components, wherein a database comprises the plurality of components, and wherein the database is stored on a storage volume;

selecting a component of said plurality of components;

selecting a data management resource of a plurality of data management resources using an attribute of said component; and

generating a point-in-time image of said component using said data management resource.

2.   (Currently Amended)   The method of claim 1, wherein said discovering comprises:

determining a speculative structure of said database; and

identifying each of said plurality of components using said speculative structure[[.]]; and

performing one or more operations to determine if said speculative structure of said database is equivalent to an actual structure of said database.

3.   (Original) The method of claim 2, wherein said selecting a component of said plurality of components comprises:

selecting said component of said plurality of components to include within a point-in-time image of said database.

4.   (Original) The method of claim 2, wherein said selecting a component of said plurality of components comprises:

selecting at least one of a database directory, a table space container, and a redo log directory.

5.   (Original) The method of claim 2, wherein said selecting a data management resource of a plurality of data management resources comprises:

>   selecting said data management resource using said attribute of said component and a user-defined policy.

6.   (Original) The method of claim 2, wherein said selecting a data management resource of a plurality of data management resources comprises:

>   selecting said data management resource using at least one of a size attribute, a type attribute, a structure attribute, and a location attribute.

7.   (Original) The method of claim 6, wherein said selecting said data management resource of a plurality of data management resources further comprises:

>   defining a component size range; and

>   selecting said data management resource in response to a determination that said size attribute is within said component size range.

8.   (Original) The method of claim 2, wherein said selecting a data management resource of a plurality of data management resources comprises:

>   selecting a point-in-time image creation process.

9.   (Original) The method of claim 8, wherein said point-in-time image creation process comprises at least one of: a file-level point-in-time image creation process, a directory-level point-in-time image creation process, a file system-level point-in-time image creation process, a storage device-level point-in-time image creation process, a volume-level point-in-time image creation process, and a volume group-level point-in-time image creation process.

10.   (Original) The method of claim 8, wherein said selecting a point-in-time image creation process comprises:

>   selecting at least one of: a snapshot creation process, a storage checkpoint creation process, and a file copy command, and a backup utility process.

Application No.: 10/717,281

11. (Original) The method of claim 2, further comprising:

restoring said database using said point-in-time image of said component.

12. (Original) The method of claim 11, wherein,

said database is initially stored within a first storage region, and

said restoring comprises,

restoring said database to a second storage region.

13. (Previously Presented) An apparatus comprising:

means for discovering a plurality of components, wherein a database comprises the plurality of components, and wherein the database is stored on a storage volume;

means for associating a data management resource with a component of said plurality of components; and

means for generating a point-in-time image of said component using said data management resource.

14. (Currently Amended) The apparatus of claim 13, wherein said means for discovering comprises:

means for determining a <u>speculative</u> structure of said database; <s>and</s>

means for identifying each of said plurality of components using said <u>speculative</u> structure[[.]]<u>; and</u>

<u>means for performing one or more operations to determine if said speculative structure of said database is equivalent to an actual structure of said database.</u>

15. (Original) The apparatus of claim 14, wherein said means for associating comprises:

means for associating a point-in-time image creation process with said component of said plurality of components.

16. (Original) The apparatus of claim 14, wherein said means for associating comprises:

means for associating said data management resource with said component of said plurality of components using an attribute of said component.

17.   (Original) The apparatus of claim 16, wherein said means for associating further comprises:

        means for associating said data management resource with said component of said plurality of components using a user-defined policy.

18.   (Original) The apparatus of claim 16, wherein said means for associating said data management resource with said component of said plurality of components using an attribute of said component comprises:

        means for associating said data management resource with said component of said plurality of components using at least one of a size attribute, a type attribute, a structure attribute, and a location attribute.

19.   (Original) The apparatus of claim 18, wherein said means for associating said data management resource with said component of said plurality of components using an attribute of said component further comprises:

        means for defining a component size range; and

        means for associating said data management resource with said component in response to a determination that said size attribute is within said component size range.

20.   (Original) The apparatus of claim 14, wherein said means for generating comprises:

        means for generating a point-in-time image of said database.

21.   (Original) The apparatus of claim 14, further comprising:

        means for restoring said database using said point-in-time image of said component.

22.   (Original) The apparatus of claim 21, wherein,

        said database is initially stored within a first storage region, and

        said means for restoring comprises,

            means for restoring said database to a second storage region.

23.   (Previously Presented) A program product comprising:

      a machine-readable storage medium having a plurality of instructions executable by a machine embodied therein, wherein said plurality of instructions when executed cause said machine to:

      discover a plurality of components, wherein a database comprises the plurality of components, and wherein the database is stored on a storage volume;

      select a component of said plurality of components;

      select a data management resource of a plurality of data management resources using an attribute of said component; and

      generate a point-in-time image of said component using said data management resource.

24.   (Currently Amended) The program product of claim 23, wherein discovering comprises:

      determining a <u>speculative</u> structure of said database; ~~and~~

      identifying each of said plurality of components using said <u>speculative</u> structure[[.]]<u>; and</u>

      <u>performing one or more operations to determine if said speculative structure of said database is equivalent to an actual structure of said database.</u>

25.   (Previously Presented) The program product of claim 24, wherein selecting a component of said plurality of components comprises:

      selecting said component of said plurality of components to include within a point-in-time image of said database.

26.   (Previously Presented) The program product of claim 24, wherein selecting a data management resource of a plurality of data management resources comprises:

      selecting said data management resource using said attribute of said component and a user-defined policy.

27.   (Previously Presented) The program product of claim 24, wherein selecting a data management resource of a plurality of data management resources comprises:

      selecting a point-in-time image creation process.

28.	(Currently Amended) A system comprising:

a first storage element to store a database; and

a point-in-time image utility configured to,

access said first storage ~~device~~ element;

discover a plurality of components, wherein the database comprises the plurality of components;

select a component of said plurality of components;

select a data management resource of a plurality of data management resources using an attribute of said component; and

generate a point-in-time image of said component using said data management resource.

29.	(Original)	The system of claim 28, wherein said point-in-time image utility comprises:

a memory to store said point-in-time image utility; and

a processor coupled to said memory to execute said point-in-time image utility.

30.	(Original) The system of claim 28, further comprising a first node, wherein said first node comprises said first storage element and said point-in-time image utility.

31.	(Original)	The system of clam 30, further comprising a second node communicatively coupled to said first node, wherein said second node comprises a second storage element to store said point-in-time image of said component.

32.	(New)	The system of Claim 28, wherein said point-in-time image utility configured to discover a plurality of components is further configured to:

determine a speculative structure of said database;

identify each of said plurality of components using said speculative structure; and

perform one or more operations to verify if said speculative structure of said database is equivalent to an actual structure of said database.